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PATENT
ATTORNEY DOCKET NO. 72856

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Zhuang et al.

Serial No.: 10/035,027

Filed: December 28, 2001

Title: DATA TRANSMISSION AND
RECEPTION AND METHOD AND
APPARATUS

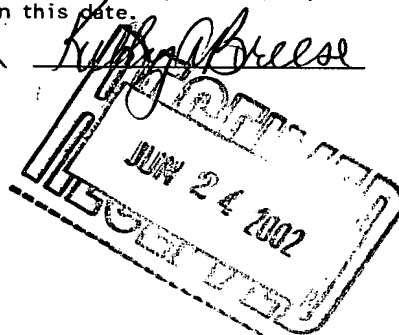
Group Art
Unit: 3661

Examiner: T. Washington

CERTIFICATE OF MAILING

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INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner of Patents
and Trademarks
Washington, D.C. 20231

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GROUP 3600

Dear Sir:

This Information Disclosure Statement is being submitted in accordance with 37
C.F.R. §§1.97 - 1.98 in connection with the above-identified application. The following
documents are listed below.

OTHER REFERENCES

Benedetto, S., et al., "Serial Concatenation of Interleaved Codes:
Performance Analysis, Design and Iterative Decoding," TDA Progress Report 42-126, pages
1-26 (1996).

Benedetto, S., et al., "A Soft-Input Soft-Output Maximum A Posteriori (MAP)
Module to Decode Parallel and Serial Concatenated Codes," TDA Progress Report 42-127,
pages 1-20 (1996).

Alamauti, S., "A Simple Transmit Diversity Technique for Wireless Communications," IEEE Journal on Select Areas in Communications, pages 1451-1458 (1998).

Foschini, G.J. et al., "On Limits of Wireless Communications in a Fading Environment when Using Multiple Antennas," Pages 311-335 (1998).

Bölcskei, J., et al., "On the Capacity of OFDM-Based Multi-Antenna Systems," IEEE pages 2569-2572 (2000).

Batarieve, M.D., et al., "An Experimental OFDM System for Broadband Mobile Communications," IEEE pages 1947-1051 (2001).

The above items are listed on Form PTO-SB-08A which accompanies this Information Disclosure Statement. A copy of each document cited thereon is enclosed herewith.

Pursuant to 37 CFR §1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 CFR § 1.56(b).

The Commissioner is hereby authorized to charge any additional fees which may be required in this application to Deposit Account No. 06-1135.

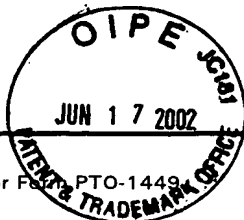
Respectfully submitted,
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By



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PTO/SB/08A Substitute for Form PTO-1449		Application Number		10/035,027	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date		December 28, 2001	
		First Named Inventor		Zhuang et al.	
		Art Unit		3661	
		Examiner Name		Washington, T.	
Sheet	1	of	2	Attorney Docket	72463

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ²			
		US-			
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FOREIGN PATENT DOCUMENTS						
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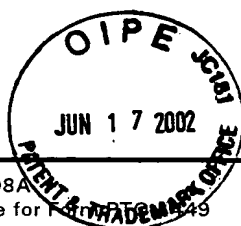
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¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.



PTO/SB/08A Substitute for PTO/SB/049		Application Number		10/035,027	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Filing Date		December 28, 2001	
		First Named Inventor		Zhuang et al.	
		Art Unit		3661	
		Examiner Name		Washington, T.	
Sheet	2	of	2	Attorney Docket	72463

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		Benedetto, S., et al., "Serial Concatenation of Interleaved Codes: Performance Analysis, Design and Iterative Decoding," TDA Progress Report 42-126, pages 1-26 (1996).	
		Benedetto, S., et al., "A Soft-Input Soft-Output Maximum A Posteriori (MAP) Module to Decode Parallel and Serial Concatenated Codes," TDA Progress Report 42-127, pages 1-20 (1996).	
		Alamauti, S., "A Simple Transmit Diversity Technique for Wireless Communications," IEEE Journal on Select Areas in Communications, pages 1451-1458 (1998).	
		Foschini, G.J. et al., "On Limits of Wireless Communications in a Fading Environment when Using Multiple Antennas," Pages 311-335 (1998).	
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